

# BusinessObjects Enterprise XI R2 SP6 for HP-UX – Supported Platforms



## Applies to:

BusinessObjects Enterprise XI R2 SP6 for HP-UX.

## Summary

This document contains information specific to platforms and configurations for the BusinessObjects Enterprise XI R2 SP6 release. For the latest information on updates to this document, please visit [Business Objects Articles](#).

**NOTE:** Anything that is highlighted using red font indicates that it is an update, addition or correction made after the original release of this document.

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## Products

### Desktop

Desktop products are only available on Windows. Please go to our <https://www.sdn.sap.com/irj/sdn/businessobjects-articles> web site and refer to the platforms document corresponding to this operating system for a detailed list of the supported languages and platforms.

### Server

- BusinessObjects Enterprise XI R2
  - BusinessObjects Web Intelligence XI R2
  - Crystal Reports XI R2
  - BusinessObjects Dashboard Manager XI R2
  - BusinessObjects Performance Manager XI R2
  - BusinessObjects Predictive Analysis XI R2
  - BusinessObjects Process Analysis XI R2
  - BusinessObjects Set Analysis (Server Components) XI R2
  - BusinessObjects Encyclopedia XI R2
  - BusinessObjects Process Tracker XI R2 (1)
- (1) Process Tracker product is installed separately. Note that BusinessObjects Enterprise Premium XI Release 2 includes Process Tracker.

## Languages

- Chinese Simplified
- Chinese Traditional
- Dutch
- English
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Portuguese (Brazil)
- Russian
- Spanish
- Swedish

## Supported Operating Systems

- HP-UX 11.11 (PA-RISC)
- HP-UX 11.23 (PA-RISC)

## Minimum Hardware Requirements

- HP-UX 11.11, HP-UX 11.23
- 2 GB RAM
- 4.70 GB hard disk space for complete install (BusinessObjects Enterprise without Performance management)
- 5.72 GB hard disk space for complete install (BusinessObjects Enterprise with Performance management)
- 1.00 GB hard disk space for patch install

**Note:** BusinessObjects Enterprise software support covers both 32-bit and 64-bit versions of the HP-UX operating system. BusinessObjects Enterprise software is compiled natively as 32-bit binaries.

## Minimum Patch Level for HP-UX 11.11

Required minimum operating system install for HP-UX 11.11 plus:

- GOLDBASE11i\_B.11.11.0509.429 (Base Patches for HP-UX 11i V1, September 2005)
- PHSS\_33033 (ld(1) and linker tools cumulative patch)
- PHCO\_33711 (11.11 libc cumulative patch)

Higher patches are supported by BusinessObjects.

## Minimum Patch Level for HP-UX 11.23

Required minimum operating system install for HP-UX 11.23 plus:

- HPUX11i-OE\_B.11.23.0409 (HP-UX Foundation Operating Environment Component)
- BUNDLE11i\_B.11.23.0409.3 (Required Patch Bundle for HP-UX 11i v2 (B.11.23), September 2004)
- PHCO\_30254 (Americas utf8 locales patch)

Higher patches are supported by BusinessObjects.

## Supported Locales

Language	HP-UX Locales
English	en_US.utf8
French	fr_FR.utf8
Japanese	ja_JP.utf8
Simplified Chinese	zh_CN.utf8
German	de_DE.utf8
Italian	it_IT.utf8
Spanish	es_ES.utf8
Dutch	nl_NL.utf8
Korean	ko_KR.utf8
Traditional Chinese	zh_HK.utf8
	zh_TW.utf8
Swedish	sv_SE.utf8
Polish	pl_PL.utf8
Portuguese	pt_BR.utf8
Russian	ru_RU.utf8

Please consult your UNIX distribution locale documentation on how to install these on your operating system.

## Supported Application Servers

Application Servers	JDK
JBoss 4.0.4	JDK 1.4.2_xx
OAS 10G Rel.2 (10.1.2) (1)	1.4.2_xx
Tomcat 5.0.27	JDK 1.4.2_13+
	JDK 1.5.0_xx
Tomcat 5.5	JDK 1.5.0_xx
WebLogic 8.1 SP4	HP-UX JDK 1.4.2.xx
WebLogic 9.2	HP-UX JDK 5.0+ (3)
WebSphere 5.1.1.x (excluding 5.1.1.4)	JDK 1.4.2_xx (2)
WebSphere 6.0.2.x	JDK 1.4.2_xx

Application Servers	JDK
WebSphere 6.1.0.7	JDK 1.5.0_xx

- (1) Not supported for Performance Management and Process Tracker. Only Enterprise Edition is supported. See release notes for patch levels for other products.
- (2) EPM products support WebSphere 5.1.1.6 and later versions
- (3) WebLogic 9.2 requires JDK for the Java 2 Standard Edition platform version 5.0.03 HP PA-RISC 2 with Java HotSpot™ Server VM (32-bit) or any later JDK 5.0.x service packs . It is recommended to install HP-UX patches for Java™ listed at:  
<http://www.hp.com/products1/unix/java/patches/index.html>

**Note:** Due to security vulnerabilities identified by the SANS Institute in JDK/JRE versions 1.4.2\_12 and lower, BusinessObjects Enterprise XI Release 2 SP5 will ship with 1.4.2\_13. It is recommended that any JVM be updated to a minimum of 1.4.2\_13.

### JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when there are multiple choices provided by the vendor. Business Objects tests and supports any \_xx release installed with a given application server.

### Support of IBM WebSphere and BEA WebLogic Editions

Network Editions of the Applications Server listed above are NOT supported. The Express Edition of WebSphere and WebLogic application servers are supported.

### IBM WebSphere 5.1.1.4 is not supported

Several issues have been found when applying the cf4 patchset for WebSphere 5.1.1. Moving forward to 5.1.1.5/6 or back to 5.1.1.3 both appears to fix the issue. In consequence BusinessObjects will not support this particular version of WebSphere. All other 5.1.1x versions are supported.

### HTTP Servers

Any supported by Application Server vendor.

### Supported Portal Servers

- Oracle Portal Server 10g R2 (10.1.2) (JSR 168)
- WebLogic Portal 8.1 SP4 (JSR 168)
- WebLogic Portal 9.2 (JSR 168)
- WebSphere Portal 6 (JSR 168)
- WebSphere Portal 6.1 (JSR 168/286)

## Supported Browsers

Browser OS	Browser	JVM
Macintosh	Safari 3.0 (1)	Apple 1.4.2_xx Apple 1.5.0_xx Apple 1.6.0_xx
	Safari 3.2.x	Apple 1.5.0_xx Apple 1.6.0_xx
Windows	Firefox 2.0 (2)	Sun 1.5.0_xx Sun 1.6.0_02+
	Firefox 3.0 (2)	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP2	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0 (3)	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+

- (1) Supported for Infview only
- (2) SVG is not supported (EPM)
- (3) Browser not supported for OLAP Intelligence and Process Tracker.

### Restriction of Crystal Reports Explorer

Please note that the Crystal Reports Explorer add-on leverages IE specific components and will not work with any browsers other than IE.

### SVG and Flash support for EPM

SVG version 3.0.3 and above are supported for Internet Explorer. Flash version 7 and above are supported for Internet Explorer and Firefox.

## Data Source Middleware Support

BusinessObjects Enterprise Suite products that are compiled as 32-bit native binary are designed to use 32-bit data source middleware connectivity. Unless otherwise specified in the PAR, 64-bit middleware connectivity is not supported. Conversely, native 64-bit offerings of BusinessObjects Enterprise Suite products are designed to exclusively use 64-bit data source middleware connectivity.

## CMS (Repository) & Audit Data Sources

Provider Name	Data Connector
IBM DB2 UDB 8.2 for Linux, UNIX, and Windows	DB2 Client 8.2
IBM DB2 UDB 9.1 for Linux, UNIX, and Windows	DB2 Client 9.1
IBM DB2 UDB 9.5 for Linux, UNIX, and Windows	DB2 Client 9.5
Oracle 9.2	Oracle NET Client 9.2
Oracle 10g R1 (10.1)	Oracle NET Client 10.1(1)
Oracle 10g R2 (10.2)	Oracle NET Client 10.2(1)
Oracle 11g	Oracle NET Client 11 (1)
Sybase Adaptive Server Enterprise 12.5.2	Sybase Open Client 12.5.2
Sybase Adaptive Server Enterprise 15	Sybase Open Client 12.5.2
MySQL 4.1.23	MySQL C-API

(1) Oracle Real Application Cluster (RAC) is supported

## Performance Management Repository Data Sources

Provider Name	Data Connector
IBM DB2 UDB 8.2 for Linux, UNIX, and Windows	DB2 Client 8.2
IBM DB2 UDB 9.1 for Linux, UNIX, and Windows	DB2 Client 9.1
IBM DB2 UDB 9.5 for Linux, UNIX, and Windows	DB2 Client 9.5
IBM DB2/UDB for zSeries 8	DB2 Client 8.2
NCR Teradata V2R6	NCR Teradata ODBC 3.04
NCR Teradata V2R6.1	NCR Teradata ODBC 3.05
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06



Provider Name	Data Connector
Teradata v12	Teradata ODBC 12 ( TTU 12.0)
Oracle 9.2	Oracle NET Client 9.2
Oracle 10g R1 (10.1)	Oracle NET Client 10.1(1)
Oracle 10g R2 (10.2)	Oracle NET Client 10.2(1)
Oracle 11g	Oracle NET Client 11(1)
Sybase Adaptive Server Enterprise 12.5	Sybase Open Client 12.5
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15

(1) Oracle Real Application Cluster (RAC) is supported

## Supported Data Sources for Set Analysis

Provider Name	Data Connector
Oracle 9.2	Oracle NET Client 9.2 (1)
Oracle 10g R1 (10.1)	Oracle NET Client 10.1 (1)
Oracle 10g R2 (10.2)	Oracle NET Client 10.2 (1)
Oracle 11g	Oracle NET Client 11 (1)
MS SQL Server 2008	Microsoft ODBC MDAC 2.8
	Microsoft OLEDB MDAC 2.8
MS SQL Server 2000 SP4	Microsoft ODBC MDAC 2.8
	Microsoft OLEDB MDAC 2.8
MS SQL Server 2005	Microsoft ODBC MDAC 2.8
	Microsoft ODBC SNAC (native client)
	Microsoft OLEDB MDAC 2.8
	Microsoft OLEDB SNAC (native client)
MS SQL Server 2008	Microsoft ODBC MDAC 2.8
IBM DB2 UDB 8.2 for Linux, UNIX, and Windows	DB2 Client 8.2 (1)
IBM DB2 UDB 9.1 for Linux, UNIX, and Windows	DB2 Client 9.1 (1)
IBM DB2 UDB 9.5 for Linux, UNIX, and Windows	DB2 Client 9.5 (1)
NCR Teradata V2R6	NCR Teradata ODBC 3.04
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06
Sybase Adaptive Server Enterprise 12.5	Sybase Open Client 12.5

Provider Name	Data Connector
Sybase Adaptive Server Enterprise 12.5.1	Sybase Open Client 12.5.1
Sybase Adaptive Server IQ 12.7	Sybase ODBC 9 for Adaptive Server IQ 12.7

(1) Please see release notes for Oracle and DB2 connectivity for this product.

## Web Intelligence, Desktop Intelligence, Performance Management Data Sources

Provider Name	Data Connector	Unicode Support
Generic ODBC Data Sources	UNIX ODBC	
IBM DB2/UDB for iSeries 5.2	DB2 Client 8.1	
	DB2 ODBC Client 8.1	
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	
	DB2 ODBC Client 8.2	
IBM DB2 UDB 8.2 for Linux, UNIX, and Windows	DB2 Client 8.2	Yes
	DB2 ODBC Client 8.2	Yes
IBM DB2 UDB 9.1 for Linux, UNIX, and Windows	DB2 Client 9.1	Yes
	DB2 ODBC Client 9.1	Yes
IBM DB2 UDB 9.5 for Linux, UNIX, and Windows	DB2 Client 9.5	Yes
	DB2 ODBC Client 9.5	Yes
IBM DB2/UDB for zSeries 8	DB2 Client 8.2 (1)	
IBM Informix Dynamic Server 7.31	IBM Informix ODBC SDK 2.81	
IBM Informix Dynamic Server 9.4	IBM Informix ODBC SDK 2.81	
IBM Informix Dynamic Server 10.0	DB2 ODBC Client 8.2 (1)	
	IBM Informix ODBC SDK 2.90	
IBM Informix XPS 8.40	IBM Informix ODBC SDK 2.81	
IBM Informix XPS 8.50	IBM Informix ODBC SDK 2.90	
IBM Red Brick Decision Server 6.3	IBM Red Brick ODBC 5	
MS SQL Server 2000 SP4	DataDirect ODBC Driver v5.0 for MS SQL (2)	

Provider Name	Data Connector	Unicode Support
MS SQL Server 2005 RTM / SP1 / SP2	DataDirect ODBC Driver v5.1 for MS SQL (2) DataDirect ODBC Driver v5.3 for MS SQL (2)	
MS SQL Server 2008	DataDirect ODBC Driver v5.2 for MS SQL (2) DataDirect ODBC Driver v5.3 for MS SQL (2)	Yes
MySQL 4.1.10a	MySQL ODBC connector 3.51.12	
MySQL 4.1.13	MySQL ODBC connector 3.51.12	
MySQL 4.1.23	MySQL ODBC Connector 3.51.12	
MySQL 5.0	MySQL ODBC connector 3.51.12	
NCR Teradata V2R6	NCR Teradata ODBC 3.04	
NCR Teradata V2R6.1	NCR Teradata ODBC 3.05	
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06	
Teradata v12	Teradata ODBC 12 ( TTU 12.0)	
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
Netezza NPS Server 4.0	Netezza ODBC 4.0	Yes
Netezza NPS Server 4.5	Netezza ODBC 4.5	Yes
Oracle 9.2	Oracle NET Client 9.2	Yes
Oracle 10g R1 (10.1)	Oracle NET Client 10.1(3)	Yes
Oracle 10g R2 (10.2)	Oracle NET Client 10.2(3)	Yes
Oracle 11g	Oracle NET Client 11(3)	Yes
Sybase Adaptive Server Enterprise 12.5	Sybase Open Client 12.5	Yes
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
Sybase Adaptive Server IQ 12.6	Sybase ODBC 9 for Adaptive Server IQ 12.6	
Sybase Adaptive Server IQ 12.7	Sybase ODBC 9 for Adaptive Server IQ 12.7	

Provider Name	Data Connector	Unicode Support
Sybase SQL Anywhere (ASA) 10	Sybase ODBC 9 for Adaptive Server IQ 12.7 (1)	

(1) Not supported for Performance Management.

(2) DataDirect 5.3 branded drivers are available with the product install

(3) Oracle Real Application Cluster (RAC) is supported

## Crystal Reports Data Sources (Reporting)

Provider Name	Data Connector	Unicode Support
Generic JDBC Data Sources	JDK 1.4	Yes
Generic ODBC Data Sources	ODBC	Yes
IBM DB2/UDB for iSeries 5.2	DB2 Client 8.1	Yes
	IBM iSeries Access (JDBC) 5.2	Yes
	DB2 ODBC Client 8.1	Yes
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (JDBC) 5.3	Yes
	DB2 ODBC Client 8.2	Yes
IBM DB2 UDB 8.2 for Linux, UNIX, and Windows	DB2 Client 8.2	Yes
	DB2 JDBC 8.2	Yes
	DB2 ODBC Client 8.2	Yes
IBM DB2 UDB 9.1 for Linux, UNIX, and Windows	DB2 Client 9.1	Yes
	DB2 JDBC 9.1	Yes
	DB2 ODBC Client 9.1	Yes
IBM DB2 UDB 9.5 for Linux, UNIX, and Windows	DB2 Client 9.5	Yes
	DB2 JDBC 9.5	Yes
	DB2 ODBC Client 9.5	Yes
IBM DB2/UDB for zSeries 8	DB2 Client 8.2	
IBM Informix Dynamic Server 10.0	DB2 ODBC Client 8.2	Yes
	ODBC DataDirect 5.3 (1)	Yes
IBM Informix Dynamic Server 9.4	ODBC DataDirect 5.3 (1)	Yes

Provider Name	Data Connector	Unicode Support
MS SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
MS SQL Server 2005 RTM / SP1 /SP2	ODBC DataDirect 5.3 for MS SQL (1)	Yes
	JDBC SQL Server 2005	Yes
MS SQL Server 2008	ODBC DataDirect 5.3 for MS SQL (1)	Yes
MySQL 4.1.10a	JDBC MySQL	Yes
MySQL 4.1.13	JDBC MySQL	Yes
MySQL 4.1.23	JDBC MySQL	Yes
MySQL 5.0	JDBC MySQL	Yes
NCR Teradata V2R6	NCR Teradata JDBC V2R6	Yes
NCR Teradata V2R6.1	NCR Teradata ODBC 3.04	Yes
	NCR Teradata ODBC 3.05	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06	Yes
Teradata V12	Teradata ODBC 12 ( TTU 12.0 )	Yes
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
Netezza NPS Server 4.0	Netezza ODBC 4.0	Yes
Netezza NPS Server 4.5	Netezza JDBC Access	Yes
Oracle 9.2	ODBC DataDirect 5.3 (1)	Yes
	Oracle NET Client 10.2	Yes
	JDBC Oracle 9.2	Yes
Oracle 10g R1 (10.1)(2)	JDBC Oracle 10.1	Yes
Oracle 10g R2 (10.2) (2)	ODBC DataDirect 5.3 (1)	Yes
	Oracle NET Client 10.1	Yes
	JDBC Oracle 10.2	Yes
Oracle 11g	ODBC DataDirect 5.3 (1)	Yes
	Oracle NET Client 11	Yes
	JDBC Oracle 11	Yes
Sybase Adaptive Server Enterprise	ODBC DataDirect 5.3 (1)	Yes
	Oracle NET Client 9.2	Yes

Provider Name	Data Connector	Unicode Support
12.5	JDBC Sybase 12.5	Yes
Sybase Adaptive Server Enterprise 15	ODBC DataDirect 5.3 (1)	Yes
	Sybase Open Client 12.5	Yes
	Sybase Open Client 15	
<b>Technology</b>		
Java Bean	JDK 1.4	Yes
XML	JDK 1.4	Yes
<b>CRYSTAL REPORTS REPORTING DATA SOURCES SUPPORTED FOR SCHEDULING ONLY</b>		
Text	ODBC DataDirect 5.3 (1)	

(1) Additional DataDirect 5.3 branded drivers for Crystal Reports are available for download on the [SAP Developer Network](#).

(2) Oracle Real Application Cluster (RAC) is supported

### Scheduled an on-demand reporting

Schedule only indicates that the data connectivity is assumed to be single-threaded. Customers are recommended to use these with scheduled Crystal Reports instances; as concurrent on-demand reports will be handled serially.

Other connectivity are assumed to be multi-threaded and suitable to be used for both scheduled and on-demand Crystal Reports instances as concurrent on-demand reports will be handled in parallel.

### Generic ODBC, OLEDB, and JDBC: Limitation

(OLEDB and JDBC Supported for Crystal Reports Only)

(ODBC Supported for Crystal Reports, Desktop Intelligence and Web Intelligence Only)

Database server, Client and ODBC/JDBC/OLEDB driver used must support multiple threads.

Generic JDBC: 3rd Party JDBC Type 4-compliant drivers may potentially have issues as not all combinations have been tested, but are supported for \*relational database access\* as a general rule.

Generic ODBC: 3rd Party ODBC Level 2-compliant Drivers may potentially have issues as not all combinations have been tested yet, but are supported as a general rule.

### OLAP Data Sources for Voyager

No platforms are supported.

## Other Tools

### LDAP Directory

- IBM Tivoli Directory Server 5.2
- IBM Tivoli Directory Server 6.0
- IBM Tivoli Directory Server 6.1
- Lotus Domino Directory 6.0.2
- Lotus Domino Directory 6.5.3
- Novell eDirectory 8.7.3
- Oracle Internet Directory 10gR2 (10.1.2)
- Sun Java System Directory Server 5.1
- Sun Java System Directory Server 5.2
- Microsoft Active Directory Application Mode 2003 (ADAM)

### Access Management

- eTrust (Netegrity) SiteMinder 5.5
- eTrust (Netegrity) SiteMinder 6.0

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